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Lampiran 2: Hasil Pengolahan Data

**Descriptive Statistics**

Dependent Variable: Tinggi\_Tanaman

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	12.9875	1.33502	4
	V2	12.6313	1.61998	4
	V3	13.2563	1.30534	4
	Total	12.9583	1.31833	12
K1	V1	11.2438	1.65522	4
	V2	12.9438	1.69968	4
	V3	12.4750	1.43629	4
	Total	12.2208	1.63046	12
K2	V1	12.6063	.78565	4
	V2	11.9937	.44599	4
	V3	11.6313	1.92195	4
	Total	12.0771	1.18602	12
K3	V1	12.0313	1.16911	4
	V2	10.5813	1.75966	4
	V3	13.1563	1.94233	4
	Total	11.9229	1.85960	12
Total	V1	12.2172	1.32730	16
	V2	12.0375	1.62504	16
	V3	12.6297	1.64241	16
	Total	12.2948	1.52602	48

**Tests of Between-Subjects Effects**

Dependent Variable: Tinggi\_Tanaman

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	29.806 <sup>a</sup>	11	2.710	1.225	.307
Intercept	7255.771	1	7255.771	3279.689	.000
KA_Tahu	7.577	3	2.526	1.142	.345
Volume_Air	2.950	2	1.475	.667	.520
KA_Tahu * Volume_Air	19.279	6	3.213	1.452	.222
Error	79.644	36	2.212		
Total	7365.221	48			
Corrected Total	109.450	47			

a. R Squared = .272 (Adjusted R Squared = .050)

### Descriptive Statistics

Dependent Variable: Jumlah\_Daun

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	2.5000	.20412	4
	V2	2.1250	.14434	4
	V3	2.4375	.37500	4
	Total	2.3542	.29113	12
K1	V1	2.3750	.32275	4
	V2	2.2500	.61237	4
	V3	2.3125	.37500	4
	Total	2.3125	.41458	12
K2	V1	2.2500	.20412	4
	V2	2.5625	.23936	4
	V3	2.4375	.37500	4
	Total	2.4167	.28868	12
K3	V1	2.2500	.20412	4
	V2	2.0625	.12500	4
	V3	2.3750	.25000	4
	Total	2.2292	.22508	12
Total	V1	2.3438	.23936	16
	V2	2.2500	.36515	16
	V3	2.3906	.31582	16
	Total	2.3281	.31010	48

### Tests of Between-Subjects Effects

Dependent Variable: Jumlah\_Daun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.973 <sup>a</sup>	11	.088	.897	.552
Intercept	260.168	1	260.168	2640.648	.000
KA_Tahu	.223	3	.074	.753	.528
Volume_Air	.164	2	.082	.833	.443
KA_Tahu * Volume_Air	.586	6	.098	.991	.446
Error	3.547	36	.099		
Total	264.688	48			
Corrected Total	4.520	47			

a. R Squared = .215 (Adjusted R Squared = -.025)

### Descriptive Statistics

Dependent Variable: BST

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	4.6125	1.80605	4
	V2	4.2025	1.21987	4
	V3	4.1250	1.21146	4
	Total	4.3133	1.32121	12
K1	V1	3.6625	1.63740	4
	V2	3.8400	1.72490	4
	V3	4.0275	1.08097	4
	Total	3.8433	1.37315	12
K2	V1	4.2925	1.81801	4
	V2	4.1350	1.36258	4
	V3	4.8625	1.08752	4
	Total	4.4300	1.35531	12
K3	V1	4.0450	1.47627	4
	V2	3.2875	.49795	4
	V3	4.0250	.62217	4
	Total	3.7858	.95032	12
Total	V1	4.1531	1.55379	16
	V2	3.8663	1.20520	16
	V3	4.2600	.98589	16
	Total	4.0931	1.25400	48

### Tests of Between-Subjects Effects

Dependent Variable: BST

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.304 <sup>a</sup>	11	.664	.359	.964
Intercept	804.176	1	804.176	434.664	.000
KA_Tahu	3.826	3	1.275	.689	.565
Volume_Air	1.327	2	.663	.359	.701
KA_Tahu * Volume_Air	2.152	6	.359	.194	.977
Error	66.604	36	1.850		
Total	878.084	48			
Corrected Total	73.908	47			

a. R Squared = .099 (Adjusted R Squared = -.177)

### Descriptive Statistics

Dependent Variable: BKT

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	1.0500	.36332	4
	V2	1.0050	.27815	4
	V3	.9750	.31075	4
	Total	1.0100	.29064	12
K1	V1	.8650	.35642	4
	V2	.8925	.43377	4
	V3	1.0300	.27447	4
	Total	.9292	.33495	12
K2	V1	.9825	.40508	4
	V2	.9400	.26141	4
	V3	.9750	.12152	4
	Total	.9658	.26037	12
K3	V1	.9000	.28083	4
	V2	.7800	.12275	4
	V3	.9825	.16153	4
	Total	.8875	.20069	12
Total	V1	.9494	.32548	16
	V2	.9044	.27746	16
	V3	.9906	.20764	16
	Total	.9481	.27094	48

### Tests of Between-Subjects Effects

Dependent Variable: BKT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.259 <sup>a</sup>	11	.024	.266	.989
Intercept	43.149	1	43.149	486.793	.000
KA_Tahu	.098	3	.033	.369	.776
Volume_Air	.060	2	.030	.336	.717
KA_Tahu * Volume_Air	.101	6	.017	.191	.977
Error	3.191	36	.089		
Total	46.599	48			
Corrected Total	3.450	47			

a. R Squared = .075 (Adjusted R Squared = -.208)

### Descriptive Statistics

Dependent Variable: BSA

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	2.4200	.50140	4
	V2	2.0750	.33966	4
	V3	2.4150	.65348	4
	Total	2.3033	.49491	12
K1	V1	2.1775	.70026	4
	V2	2.1450	.76757	4
	V3	2.1400	.35355	4
	Total	2.1542	.57342	12
K2	V1	2.3475	.71630	4
	V2	1.8575	.39635	4
	V3	2.4075	.33955	4
	Total	2.2042	.52955	12
K3	V1	1.9925	.38222	4
	V2	1.8800	.63182	4
	V3	2.3475	.19619	4
	Total	2.0733	.45002	12
Total	V1	2.2344	.55611	16
	V2	1.9894	.51808	16
	V3	2.3275	.39293	16
	Total	2.1838	.50438	48

### Tests of Between-Subjects Effects

Dependent Variable: BSA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.854 <sup>a</sup>	11	.169	.601	.816
Intercept	228.901	1	228.901	815.662	.000
KA_Tahu	.333	3	.111	.396	.757
Volume_Air	.976	2	.488	1.739	.190
KA_Tahu * Volume_Air	.545	6	.091	.323	.920
Error	10.103	36	.281		
Total	240.858	48			
Corrected Total	11.957	47			

a. R Squared = .155 (Adjusted R Squared = -.103)

### Descriptive Statistics

Dependent Variable: BKA

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	.5475	.09106	4
	V2	1.9825	3.00548	4
	V3	.6025	.19517	4
	Total	1.0442	1.71958	12
K1	V1	.5400	.13904	4
	V2	.5425	.17671	4
	V3	.6150	.03317	4
	Total	.5658	.12413	12
K2	V1	.6150	.22472	4
	V2	.4075	.08461	4
	V3	.5425	.08342	4
	Total	.5217	.16027	12
K3	V1	.4550	.08426	4
	V2	.4800	.17340	4
	V3	.6300	.08287	4
	Total	.5217	.13610	12
Total	V1	.5394	.14313	16
	V2	.8531	1.50871	16
	V3	.5975	.10854	16
	Total	.6633	.86932	48

### Tests of Between-Subjects Effects

Dependent Variable: BKA

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7.800 <sup>a</sup>	11	.709	.921	.531
Intercept	21.121	1	21.121	27.431	.000
KA_Tahu	2.336	3	.779	1.011	.399
Volume_Air	.892	2	.446	.579	.566
KA_Tahu * Volume_Air	4.572	6	.762	.990	.447
Error	27.719	36	.770		
Total	56.639	48			
Corrected Total	35.519	47			

a. R Squared = .220 (Adjusted R Squared = -.019)

### Descriptive Statistics

Dependent Variable: Panjang\_Akar

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	22.0000	3.36650	4
	V2	22.5000	5.68624	4
	V3	29.0000	9.30949	4
	Total	24.5000	6.82908	12
K1	V1	24.8750	5.80768	4
	V2	23.7500	2.87228	4
	V3	31.2500	3.20156	4
	Total	26.6250	5.11293	12
K2	V1	27.5000	7.18795	4
	V2	20.6250	1.37689	4
	V3	26.3750	5.08879	4
	Total	24.8333	5.61788	12
K3	V1	24.3750	9.08639	4
	V2	25.2500	4.03113	4
	V3	29.0000	2.73861	4
	Total	26.2083	5.77793	12
Total	V1	24.6875	6.31895	16
	V2	23.0313	3.84911	16
	V3	28.9062	5.40746	16
	Total	25.5417	5.74904	48

### Tests of Between-Subjects Effects

Dependent Variable: Panjang\_Akar

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	448.417 <sup>a</sup>	11	40.765	1.328	.249
Intercept	31314.083	1	31314.083	1020.187	.000
KA_Tahu	38.458	3	12.819	.418	.741
Volume_Air	293.635	2	146.818	4.783	.014
KA_Tahu * Volume_Air	116.323	6	19.387	.632	.704
Error	1105.000	36	30.694		
Total	32867.500	48			
Corrected Total	1553.417	47			

a. R Squared = .289 (Adjusted R Squared = .071)

### Panjang\_Akar

Duncan<sup>a,b</sup>

Volume_Air	N	Subset	
		1	2
V2	16	23.0313	
V1	16	24.6875	
V3	16		28.9062
Sig.		.403	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 30.694.

a. Uses Harmonic Mean Sample Size = 16.000.

b. Alpha = .05.

### Descriptive Statistics

Dependent Variable: Luas\_Daun

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	148.4800	47.48135	4
	V2	120.8475	26.93432	4
	V3	131.2050	17.84611	4
	Total	133.5108	32.26914	12
K1	V1	113.5700	18.29961	4
	V2	122.5125	15.38570	4
	V3	125.3400	17.73432	4
	Total	120.4742	16.40482	12
K2	V1	129.2550	29.47812	4
	V2	124.8700	16.87241	4
	V3	137.0675	13.81260	4
	Total	130.3975	19.86012	12
K3	V1	124.5900	17.74757	4
	V2	109.0800	8.09188	4
	V3	128.2050	20.64100	4
	Total	120.6250	17.17656	12
Total	V1	128.9738	30.40629	16
	V2	119.3275	17.37766	16
	V3	130.4544	16.43480	16
	Total	126.2519	22.41660	48

### Tests of Between-Subjects Effects

Dependent Variable: Luas\_Daun

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4611.322 <sup>a</sup>	11	419.211	.794	.645
Intercept	765097.725	1	765097.725	1449.174	.000
KA_Tahu	1619.068	3	539.689	1.022	.394
Volume_Air	1168.265	2	584.133	1.106	.342
KA_Tahu * Volume_Air	1823.989	6	303.998	.576	.747
Error	19006.359	36	527.954		
Total	788715.407	48			
Corrected Total	23617.681	47			

a. R Squared = .195 (Adjusted R Squared = -.051)

### Descriptive Statistics

Dependent Variable: Diameter\_Batang

KA_Tahu	Volume_Air	Mean	Std. Deviation	N
K0	V1	7.1175	1.51726	4
	V2	6.5950	.51630	4
	V3	6.3750	.60534	4
	Total	6.6958	.95198	12
K1	V1	6.7275	1.10037	4
	V2	6.2050	1.35476	4
	V3	6.9500	.85045	4
	Total	6.6275	1.06508	12
K2	V1	6.5400	1.41048	4
	V2	7.1250	.97681	4
	V3	6.3950	.33630	4
	Total	6.6867	.97071	12
K3	V1	6.6250	1.06610	4
	V2	6.2975	.59450	4
	V3	6.4625	.66153	4
	Total	6.4617	.73839	12
Total	V1	6.7525	1.17467	16
	V2	6.5556	.90516	16
	V3	6.5456	.62237	16
	Total	6.6179	.91365	48

### Tests of Between-Subjects Effects

Dependent Variable: Diameter\_Batang

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4.167 <sup>a</sup>	11	.379	.389	.952
Intercept	2102.247	1	2102.247	2158.199	.000
KA_Tahu	.424	3	.141	.145	.932
Volume_Air	.436	2	.218	.224	.801
KA_Tahu * Volume_Air	3.308	6	.551	.566	.755
Error	35.067	36	.974		
Total	2141.481	48			
Corrected Total	39.233	47			

a. R Squared = .106 (Adjusted R Squared = -.167)